

GRS IX-5]

Previous references

192

File No 238-11

()

Serial Nos NPL

Later references

GENERAL AND REVENUE SECRETARIAT

Serial Nos

Part B for

SUBJECT

238-11

7 G R 5 12]

General and Revenue
Secretariat

11/11/38 2-14

607

Eon File No 238 of 1911

38

Serial
No

Extract from the Proceedings of the Council is put up
62 Forwarded with compliments to the Secretary to
Government *Depts of Education and Agriculture*
for favour of necessary further action

By Order

D M Namaswamy 30/9
Secretary to Government
General Department

Plan put up a
D S W

2/10/15

Patent agent

by
30/9
Secretary
General
Office
11/11/38

71/2 0 607 8/15

103

To financial wing for further
consideration

4/30/9

Sub²

104

2/10/15

Reference is invited to para 93
in which opinion has not been
accepted

by
7/10/15

105.

I respectfully suggest that para 1 (b) may
be recast as follows

'Of the students that have completed the
School course as many as possible will be
given training as temporary maistries or in
other suitable capacities ^{by the P W Dept} for a period of one
year during which they will be paid stipend
by that department at a rate not less than
Rs 12 per mensem if the P W Dept cannot

R S 12]

General and Revenue
Secretariat

File No 228 of 1911

39

Serial
No

in this way
take up all the students that have
finished the school course a number of
stipends not exceeding 20 at Rs 12 each p.m.
will be paid to students who may be
under practical training otherwise than under
the P.W. Dept.

106 This is a slight modification which
will serve the purpose of absorbing as many as
possible in the P.W.D. for training. Otherwise
passed students may be drawing school stipends
at one end & the P.W.D. may be employing
dozens of less qualified temporary maistries
on the other -

B-17

11/10
h

107, Subred with the opinion of the
financial Secy

8/11/15

13/10/15

Secy) 108

Please put up a draft ~~Final~~ ^{Final} note
here - the opinion of the Fin Secy
may be accepted

109 With Draft ^{13/10/15} final note

17/10/15

18th November

GPB-20 000-30 6 15

2-5/15
recd 13/10/15

14/10
A typed note is subd
16/10/15

Received on 23 10 15

NOTE - Contn sheet

R S 12]

General and Revenue
Secretariat

File No

of 191

Serial
No

Final note appd and signed -
by First member is put up -
MST

25-10-15
15/10

Mth D S N

Dewan

28/10/15

28/10/15

2220
28-10-15

NOTE—Contn sheet

For consideration at a meeting

No C 124

6 9 1915
14

GENERAL AND REVENUE SECRETARIAT

Council Matter

SUBJECT

(Clause x of the schedule)

Draft G O revising the course of studies in and the scale
of establishment attached to the Engineering section of the
Chamarajendra Technical Institute Mysore

CIRCULATED TO THE MEMBERS OF COUNCIL

By Order

D M Narasimha Rao
Secretary to Government

6th September 1915

Extraordinary Member of Council

D M Narasimha Rao
13 9 1915

First Member of Council

Opinion recorded by the First Member of
Council

Second Member of Council

W. S. Srinivasulu
10/9 1915

Final Note by the First Member of Council

Subject —

Revision of the course of studies in , and the scale of establishment attached to the Engineering section of the Chamarajendra Technical Institute Mysore

These papers relate to the subject of the - revision of the course of the studies in the Engineering section of the Chamarajendra Technical Institute

1 page done *part 1 I*
It is proposed to extend the Sub Overseer's course from 2 to 3 years the last years — course being altogether practical and to increase the number of -- stipends to candidates who have undergone the theoretical course from ten to twenty and the amount from Rs 7 to Rs 12

2 In order to provide a suitable establishment -- for imparting instruction according to the standard to which the course has been raised it is proposed to fix the pay of the two Assistant masters of the school at Rs 50-10/2-100 and Rs 50-5/2-75 respectively to increase the pay of the clerk from Rs 20 to Rs 25/- per mensem to entertain a Gymnastic Instructor on Rs 25/- per mensem and to increase the Library grant from -- Rs 200 to 300

**Draft for approval*
Page 5
The additional cost involved by the revision consists of a recurring expenditure of Rs 3120 per -- annum and a non-recurring grant of Rs 1000 required for the equipment of the Engineering section with the necessary instruments

Page 184/19 of 190
 184/19 of 190
 184/19 of 190

3 The scheme which was prepared by a Committee has been approved both by the Inspector General of Education and the Chief Engineer. The Council have also resolved that the -- proposals contained in the accompanying draft order may be sanctioned

Page 38 & 39 of
 184/19 of 190

4 The Financial Secretary, to whom the papers were sent for an expression of his views on the proposals approved by the Council has suggested a modification of paragraph 1 (6) of the draft order regarding the payment of stipends to -- students under practical training. This has been embodied in the draft order, which may be approved

H. Manjunday

Dated 25/10/15

First Member of Council

Submitted to His Highness

I submit herewith a 'Final Note' and a draft order on the revision of the course of studies in, and the scale of establishment attached to the Engineering section of the Chamarajendra Technical Institute, Mysore

2 The proposals embodied in the draft, which involve a recurring expenditure of Rs 3,120 per annum have been approved in Council and may be sanctioned

M. T. Narayana

365-601 1915

Final
Draft for approval

Para 37 of of. 111

MDL

22-302-11

for Evaluation & Approval

Record of Cases submitted for the Orders
of His Highness the Maharaja

Subject

Draft order sanctioning the re-
vision of the course of studies in, -
and the scale of establishment at-
tached to the Engineering section of
the Chamarajendra Technical Institute,
Mysore



400

Order

KRUP
10/11/15

KRUP
13/12/15

veer
7/12

H...
3/12/15

Sanction & A
11/11/15
am
11/11
1
Ro
me 4/12/11

Serial
No

7c Branch was consulted
1st & 2nd time & ^{the} modifications
suggested by him were adopted

Draft of the endorsement
is enclosed

13/11/15
30/11/15

Communicated
30/11/15

9

To the Secy of Govt, Comptroller & Secy
+ Chief Engr 2224-68 17/11/15

These orders sanction the
revision of the Curricula of studies in
+ of the Scale of Exts of the Engineering
section of the Chem Tech Inst, Mysore

These papers may now be recorded as
they have been passed by the members of the
Council

20/11/15

20/11/15

B



153
ADN 234-11-

General and Revenue Secretariat
Bangalore 5th July 1913

Dear Mr Shama Rao,

Your D O No 11 of the 2nd instant requesting early orders on the proposal for revising the Curricula of studies in the Engineering School, Mysore

You will recollect that after the first reference - was made certain other proposals for the work of the Engineering School were made by you in connection with the formation of the Chamarajendra Technical Institute Since the latter proposals were accepted en bloc, the first set of proposals have been put by If you want orders on them they will evidently require revision in the light of the second set of proposals I therefore send you the file unofficially so that you may go through it and indicate to what extent the first proposals still stand good and what are the points on which you would like to have the orders of Government or suggest other action to be taken

Yours sincerely

CS Balasubramanyam

M Shama Rao Esq M A
Inspector General of Education
Mysore

Edn 81]

No $\frac{6453}{451} + 22$

OFFICE OF INSPECTOR GENERAL OF EDUCATION IN MYSORE

Bangalore

1b - 10 4576
19/10/12
- Edu
7 February 1922

238

From

~~H-J-BHABHA Esq~~

The Inspector General of Education in Mysore

To

C S Balasundaram Iyer, Esq , B A ,

Offg Secretary to the Government of His Highness the
Maharaja of Mysore, General & Revenue Departments

SIR

I have the honour to submit herewith for the approval of
Government the resolutions adopted by the Mysore Engineering
School Committee at the Meeting held on 7th July 1911 A sub
committee under the presidency of Mr Y Srinivasa Rao was
appointed of the marginally noted gentlemen to report upon the

Mr Y Srinivasa Rao,	}	courses of study Examinations, Establishment, vacations and other matters connected with the School, at a previous meeting of the Committee held on the 11th February 1911 The report embodying their recommendations is enclosed for information
" R V Sundaram Iyer,		
" J E A D'Cruz,		
" B Ramakrishna Rao,		
" S Srinivasa Iyer,		
" B Sitharamachar,		
" B C Srinivasa Iyengar,		
" Y Aswathnarayana Rao,		

2 Resolutions 1 - 5 embody the changes proposed in regard
to the course It is recommended that the course be assimilated

to that of the lower subordinate Engineering classes of the Madras Engineering College to make recognition of the Mysore Engineering School certificates easier outside the State and that the Final School Examination be made compulsory, leaving it to the option of the students to appear for the Madras Technical Examinations or not. These School Examinations are to be conducted by a Board appointed by Government instead of, as heretofore, by the Chief Engineer. A higher general qualification is to be expected of students wishing to join the course the least qualification to entitle one to admission. The course is to be of three years' duration, the year's practical training in the D P W Divisions being abolished. Further the first year's class, as an independent ~~minor~~ subordinates' class is to be abolished, the course, however, being so arranged as to meet the requirements of the tank and work inspectors, and Sekdars.

3 The Examinations at the end of the first and third year are to be conducted by the Board while that at the end of the 2nd year is to be conducted by the staff of the school. It is further recommended that the course as modified be brought into force ~~at~~ from July 1912 and the first third year class be opened in July 1914.

4 If these alterations in the course be adopted, it would be necessary to appoint another Assistant, and the Committee recommends that one such be provided. The vacations are recommended to be so adjusted as to have only one vacation of two months from

1st May ~~and~~ 1st July each year, the Dusserah and the Christmas holidays being limited to the gazetted holidays

5 Resolutions 8 and 9 recommend graded salaries to the staff, the Drawing Master and the Assistants being in a grade to rise from Rs 40/- to Rs 100/- in 24 years of approved service and the writer from Rs 15/- to Rs 30/- in 15 years of approved service

6 The last recommendation is a reappropriation for equipping a Carpentry class which has already been attended to in this office recommendation No $\frac{547}{37}$ dated ¹⁴ July 1911 and Government ^{order no 26723 23-11-4} consequent thereon ^{216/10/1911}

7 The comparative statement of the courses of study in the Madras College and the school does not shew any radical change, the Mysore course as it exists being somewhat more detailed than at Madras. Other wise the difference is not much. As it is found that in the past, several students of this school have had to find their living outside the State and as the want of recognition of the certificate of the Mysore Engineering School entailed considerable hardship upon these students, it is eminently desirable to so adopt the course as to secure their recognition with ease. The change proposed seem well conceived to attain this end.

8 Courses of similar grade both in Madras and Bombay are of three years' duration and, as it is, the course in the Engineering School seems to be based upon that of the College of Engineering at Madras

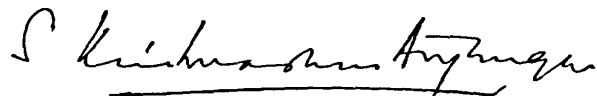
9 In the circumstances I recommend that the Government do accord

their approval to the recommendations of the Committee and sanction
the budget proposals that these change would involve as a consequence

I have the honour to be,

Sir,

Your most obedient servant,



Assistant to the Inspector General of

Education

For Inspector General

H R K

7th July 1911

P r e s e n t

J WEIR, Esq , M A , (President)

R V Sundarar Iyer, Esq , F A , F C E ,

J E A D'Cruz, Esq A C E , F C E

I The report of the Sub-Committee appointed at last meeting to report on the question of revising the course of study the examinations, the school establishment and the vacations was read The recommendations of the Sub-Committee were as follows --

(1) That the school Final Examination be made compulsory and that the appearance for the Madras Technical Examinations optional

This was considered and passed

(

(2) That the course of study be made similar to that of the Lower Subordinate class of the Madras Civil Engineering College and extended to three years and that the third year's practical training in Divisions be abolished

This was considered and passed

(3) That the minor subordinate class be abolished Resolved that the minor subordinate class as defined in the prospectus be abolished as a separate class and the course of the first year be so arranged as to meet the requirements of Tank and work Inspectors and Sheikdars

(4) That only Matriculates or those who have received general education to that standard be admitted to the school

This was considered and passed

(5) That the school certificate be altered, to indicate

that the candidate holding it has been passed by a Board of Examiners appointed by the Chief Engineer

Resolved that the work "Chief Engineer" be altered into "Government"

(6) That if the above recommendations be adopted, one more Assistant be appointed

This was considered and passed

(7) That the holidays be rearranged as follows ---

Dusserah and Christmas holidays be limited to gazetted days and summer holidays extended to two months from 1st May to 1st July

This was considered and passed

(8) That the Drawing Master along with other Assistants be placed on a grade starting from Rs 40/- and reaching to Rs 100 at the end of 24 years approved service

This was considered and passed

(9) That the writer start on Rs 15/- and get Rs 30/- at the end of 15 years approved services

This was considered and passed

(10) Resolved

That the examinations at the end of the 1st and third years of the course be conducted by the Board appointed by Government and the examination at the end of the 2nd year be conducted by the school staff

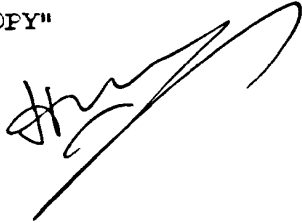
(11) That the new rules come into force in July 1912 and the third year's course be opened in July 1914

That the allotment of Rs 500/- for instruments and models and of Rs 100/- for furniture be utilised for equipping the

the Carpentry class with benches and tools

P r e s i d e n t

"COPY"

A handwritten signature in black ink, consisting of a series of loops and a long, sweeping underline that extends to the right.

TNP

Statement of Proposition for Revision of Establishment
Institution

Government Orders sanctioning the scale		Present Scale						Proposed			
N ^o	Date	N ^o	Designation	Minimum	Rate	Maximum	Average cost	N ^o	Designation	Minimum	
O N ^o 8834-40 Ed 462-0924	1 5 13	1	Head Master	250	✓	250	250	(A) Permanent	Head Master	250	
			allowance to him	50	✓	50	50		allowance to him	50	
		1	Assistant Master	40	2	50	46 $\frac{2}{3}$		1	Assistant Master	50
		1	Do	40	2	50	46 $\frac{2}{3}$	1	Do	50	
			Bicycle allowance 2(5)	10	✓	10	10		Bicycle allowance 2(10)	20	
		1	Store keeper	25	✓	25	25	1	Store keeper	20	
		1	Clerk	20	✓	20	20	1	Clerk	20	
		2	Peons (7)(6)	13	✓	13	13	2	Peons (7)(6)	10	
		4	Lascars (8), 3(6)	26	✓	26	26	4	Lascars (8), 3(6)	20	
				1	Gymnastic Instructor				20		
Total		11				487 $\frac{1}{3}$	12				
O N- 5734-5 Ed 166-12 and O N ^o 720-1 Ed 194-13-19	29 11 13 and 18 7 14	1	Assistant Master	40	✓	40	40	(B) Temporary	Assistant Master	40	
		1	Do	40	✓	40	40		1	Do	40
		2	Lascars @ 6 each	12	✓	12	12		2	Lascars @ 6 each	12
		Total		4			92		4		
Grand Total		15				579 $\frac{1}{3}$	16				
							permanent allowance Rs 6952 per annum				

permanent
allowance
Rs 6952
per annum

of the Engineering Section of the Chamarajendra Technical Mysore

ale			Increase per month	Remarks
Rat	Inam mun	Average cost		
cent Establishment				
"	250	250	same	
"	50	50	do	
$\frac{10}{2}$	100	80	$33\frac{1}{3}$ ✓	Sanctio on the draft 100
$\frac{5}{2}$	75	65	$18\frac{1}{3}$ ✓	$50 - \frac{10}{2} - 7\frac{1}{2}$ will do old scale may continue
"	20	20	10 X	cycle allowance of Rs 10/- to be kept
"	25	25		
"	25	25	5 ✓	Tooling
"	13	13		
"	26	26		
"	25	25	25 ✓	
		579	$91\frac{2}{3}$ ✓	
ary Establishment (Shikhar class)				
"	40	40	same	
"	40	40	do	
"	12	12	do	
		92		
		671	$91\frac{2}{3}$ ✓	
		per mens sum x Rs 8062 per an- num	per mensum x Rs 1100 per annum	

✓ = Sanctio on re
draft 50
X date in line

81
21
21

81 x 2
972
- 3
969
2140
- 3120

(870)

	Present Scale	Proposed
(C) Contingent Items		
Travelling allowance	600	60
Contingencies	918	91
Library	200	30
Periodicals	50	5
Prizes	100	10
Furniture	100	10
Instruments and Models	300	30
Repairs and up-keep	50	5
Public Examinations	200 ✓	20
Scholarships (Theoretical course)	396	39
Do (Practical course)	840	288
Students' Home grant	1200 ✓	120
Total	4954	709
Total of A, B and C	11906	1514
(D) Non recurring grant		
Instruments and Models	—	1000
Grand Total of A, B, C and D	11906	16146

(TAM portion) Present Scale verified

U. Chandra Sekhara
Assistant Comptroller
11/2.

Gaz and/or per Govt Present Scale

20/4/15
2m

Booth
W.

Scale	Increase per month	Remarks
	same	[The distribution of the budget allotment under these heads among the several sections of the Ch. Tech. Institute has not been intimated by the Secy of Edu. to the A/c Comptroller's office. Hence the figs cannot be verified ⁴² 27/12]
	do	
	100 ✓	
	same	
	cl	
	cl	
	do	
	do	
	do	
	do	
X	2040 ✓	X 20 at Rs 12 too many
	do	
	2140	
	3240	
	1000 ✓	
	4240	

referred

 Inspector

cc &c in a/c a/c 3/2
 Submitted to the Inspector General
 For 2 of 6 General of Education
 absent from the Station

En to Ed 238-11-3

Letter No 7973/503 dated 9/13th April 1912 from the
Inspector General of Education in Mysore, to the Comptroller,
Mysore Government, Bangalore

In forwarding herewith a proposition statement in
duplicate for the revision of establishment of the Engineering
School, Mysore, as required by the General and Revenue Secre-
tary, in his letter No 6996/Edn 238-11-2 of 26th March 1912,
I have the honor to request you to be so good as to verify and
send up the statement to Government at our earliest convenience

2 A copy of this office letter No 6453/451 of 7th
February 1912 on the subject is enclosed for reference

C O P Y

Abalakeshwar

SUPRINTENDENT,
Comptroller's Office

CW

S A M

G R S 28]

238-11

File No,

Serial No 5th

Diary No of letter replied to _____

General and Revenue Secretariat

()

the

19

to

No

73

238-11

072712

Date of issue

2712

Signed by

M. B. R.

To
Dear Sir,

With reference to your office letter No 6453/451 of the 7th February 1912 recommending certain modifications in the course of studies of the Engineering School Mysore, I am desired to state enquire whether the altered Scheme should be brought into force at once or whether it would be better to bring it into force from next year. A very early reply is requested.

SUBJECT

Yours truly/
over

62

2712

For Secy

M. Gnanarao, Esq, M.A.
Govt Engg College

27/12

M. B. R.

List of enclosures,

Copied by

Examined by

Rec —Gl 17]

Department

19/2

FROM

J S CHAKRAVARTI Esq M A

F R A S etc

Comptroller to the Govt of
H H the Maharaja of Mysore

To

Esq

Secretary to the Govt of Mysore

Spd & Rec

Dept

Dated

Despatched 7/5

Received

No 6648

668

10/11/21

Subject matter

*For forwarding the proposition
Statements in duplicate for
review of the Govt of the Mysore
Secretariat*

It is requested that in future communications on the subject the No and date of this letter and the distinguishing letters below the number as given opposite may be quoted and addressed to the Comptroller Mysore Government

No

6648
222 668

OFFICE OF THE COMPTROLLER, MYSORE GOVERNMENT

Dated Bangalore, the 2nd May 1912

FROM

J S CHAKRAVARTI, Esq, M A,
FRAS, etc,
Comptroller to the Government of
His Highness the Maharaja of Mysore

1911-12
SECTION Ed
FILE No 238-11
SERIAL No 3

To

C. S. Balasundaram I r c a Esq B A ,
Offg Secretary to the Government of Mysore,
General and Revenue Department

SIR,

As desired by the Inspector General of Education in his letter No.7973-503 dated 9th April 1912 (copy enclosed) I have the honor to forward duly verified the Proposition Statement in duplicate for revision of the establishment of the Engineering School, Mysore.

I have the honor to be,

Sir,

Your most obedient servant,

For Comptroller

and

Sm 78-11

+ 1 Cou +

GRS 26J

238-11

File No

Serial No 2

$\frac{22}{3}$

Diary No of l t t r i e p l i e d t o 4576

No 6996

Sm 28-11-

27 6 3 12

General and Revenue Secretariat

()

the

19

To

The Dir of Govt

Date of issue 26 3 12

Signed by Mr BR

Sir,

With reference to your letter No 6453/457 of the 7th February 1912 recommending certain modifications in the course of studies in the Engineering School, Bombay and also graded salaries to the Asst Master and the master of the school, I am directed to request that a proposition

over

SUBJECT

Statement in the usual
form for the Revision of the
Scale of pay of the Staff
of the School may be
submitted through the
Comptroller.

I have etc
m/21/3/12
For Secy

m/21/3/12
20/3/12

List of enclosures,

Copied by

Examined by

1.2 20/3/12

Local Fund

Finance and
Accounts Form 11 }

(Vide Art 57, C A C Vol I and Rule 23 Part I, Chapt

Form 200]

STATEMENT OF PROPOSITIONS

Name of Office to which the

Government Orders Sanctioning present Establishment		Nature of Charge										
		Present Scale						Proposed Scale				
		No	Designation	Pay			Average Cost	No	Designation	Pay		
				Minimum	Rate of Increase	Maxi mum				Minimum	Rate of Increase	Maxi mum
No	Date											
26916-2	18/2/1911	1	Head Master	250	-	-	250	1	Head Master	250	-	-
5702-4	17/2/12	1	Asst Master	40	2	50	46 2/3	1	Asst Master	50	10/2	100
2694	7-6-1903	1	(Surveying)	40	2	50	46 2/3	1	(Surveying)	50	10/2	100
274-96	7-6-1903	1	(Drawing)	40	2	50	46 2/3	1	(Drawing)	50	10/2	100
1232-3	3/8/1908	1	Bicycle allow ance	2(5)	-	-	10	1	Bicycle allow ance	2(5)	-	-
253-074	16-6-1909	1		-	-	-	-	1	Additional Asst Master	50	10/2	100
2645-6		1	Carpentry Master & Store Keeper	25	-	-	25	1	Carpentry Master & Store Keeper	25	-	-
330-08-2		1	Writer	20	-	-	20	1	Writer	15	3/2	30
293-4	8/4/1911	5		Total Rs -			398 1/3	6		Total Rs -		
848-50	22-8-1905	6	Inamals	(8) (7) 4 (6)			39	6	Inamals	(8) (7) 4 (6)		
1704-6	22-2-1910	11		Grand Total Rs			437 1/3	12		Grand Total Rs -		

Not to be prepared in duplicate and forwarded through the Comptroller in Mysore and show

Bangalore
9th April 1912

FOR REVISION OF ESTABLISHMENT

Proposition relates *Engineering School, Mysore.*

GPB-4 C00 2-8 11

	Position						Grounds of Proposition	Compensation Rate	Old Government		
	Permanent		Temporary						Departmental Control	Financial Department	
	Increase per month Amount	Decrease per month Amount	Increase per month Period	Decrease per month Amount	Decrease per month Period	Remarks				Remarks	Order
250											
80	33 $\frac{1}{3}$										
80	33 $\frac{1}{3}$										
10											
80	80										
25											
24 $\frac{3}{4}$	4 $\frac{3}{4}$										
49 $\frac{3}{4}$	151 $\frac{5}{12}$										
9											
78 $\frac{3}{4}$	151 $\frac{5}{12}$										
4											

The provisions as to be sanctioned with effect from 1-7-1912
 (provisions of proposition are as stated in this office letter No. 6483 dated
 7/2/1912 addressed to the Genl & Rev Secretary, Alcock - notes have been
 prepared for the Anti Masters & the writer to send present requirements.
 requires the Col. headed "Present Deal" verified by myself
 to Anti Masters

be followed by a reapportionment statement if the proposal involves additional expenditures.

labor at present, will
also continue

of other similar
the same as

Local Funds

See and
Ants Form 11

(Vide Art 57, C A C, Vol I and Rule 23 Part I Chapter

Finl 200]

STATEMENT OF PROPOSITION

Name of Office to which the

Government Orders sanctioning present Establishment		Nature of Charge										
		Present Scale					Proposed Scale					
		No	Designation	Pay			Average Cost	No	Designation	Pay		
				Minimum	Rate of Increase	Maxi mum				Minimum	Rate of Increase	Maxi mum
No	Date											
6910-2 190-10 702-4 190-10	18/2/1911 17/2/1912	1	Head Master	250	-	-	250	1	Head Master	250	-	-
694 74-96 returning the cost of the general ledger	7/4/1903	1	Ass ^t Master (Surveying)	40	2	50	46 $\frac{2}{3}$	1	Ass ^t Master (Surveying)	50	$\frac{10}{2}$	100
		1	- do - (Drawing)	40	2	50	46 $\frac{2}{3}$	1	- do - (Drawing)	50	$\frac{10}{2}$	100
12-3 253-07-4 2645-6 330-08	3/8/1908 16/6/1909	-	Bicycle allow ance	2(5)	-	-	10	-	Bicycle allow ance	2(5)	-	-
		-	-	-	-	-	-	1	Additional Ass ^t Master	50	$\frac{10}{2}$	100
73-4 710-2	8/4/1911	1	Carpentry Master & Store Keeper	25	-	-	25	1	Carpentry Master & Store Keeper	25	-	-
8-50 704-6 274-5 240-09-2	22/8/1905 22/2/1910	1	Writer	20	-	-	20	1	Writer	15	$\frac{3}{2}$	30
		5	Total Rs	-	-	-	398 $\frac{1}{3}$	6	Total Rs	-	-	-
194-6 24-96 13-4 7-10	7/4/1903 8/4/1911	6	Memals	(8), (7)	4(6)	-	39	6	Memals	(8), (7)	4(6)	-
		10	Grand Total Rs	-	-	-	437 $\frac{1}{3}$	12	Grand Total Rs	-	-	-

Not to be prepared in duplicate and forwarded through the Comptroller in Mysore and should

Diary No of letter replied to 77

General and Revenue Secretariat

()
the 191

Date of issue _____

Signed by Mr BSB

To

Dear Mr Chandra Rao,

No 153
20/12/11
25/7/13

Your D.O. No. 11 of the
2nd inst requesting early action
on the proposal for reorganizing the
Curricula of Studies in the
Engineering School, Mysore

I am desired to invite
your attention to your letter
of the 20th March 1913 forwarding
a memorandum on the
Reorganization of the Engineering
and Arts Schools at Mysore and

over

You will recollect
that after the first
reference was made to
certain other proposals
in the work of the Engineering
School were made by
you in connection with
the formation of the Channarayana

Technical Institute. ~~and which~~

~~which have been passed.~~ SUBJECT

Since the latter proposals were
accepted in 1906, the first set of proposals
have been put by. If you want action on
them they will certainly require revision in the
light of the second set of proposals. I therefore send
you the file in question to meet you
may go through & indicate ~~the~~
as to what extent the first
proposals still stand
good & who

the working of the Channarayana
Technical Institute at Mysore, in
which it has been suggested that
the proposals for the revision of
the curricula of Studies in the
Engineering School, may be
referred to the new Committee
for the Channarayana Technical
Institute. ~~before~~ I am accordingly
to request that you will be
so good as place the matter
before the new Committee and
submit their views at an
early date.

2 The file on the subject
Govt 288-11 is herewith sent
to you for reference and
return with the Report of the
new Committee and with your
remarks and suggestions on
the subject

~~I am~~
Yours sincerely

Are the points on which
you would like to have
the orders of Govt - as ~~was~~
have suggest ~~from~~ ^{from} ~~the~~ ^{the} ~~author~~ ^{author} ~~to be taken~~

of a reference to the
new committee

Yours sincerely
CH
4/7

List of enclosures,

Copied by

Examined by

GPB-2 000-8811

1000+ sug
1/11/83
27/11/83

112

Secy, Govt Dept

10

13/11

6.12.12

Compd No H-2424
230-11-15

Proceedings of the Government of
His Highness the Maharaja of Mysore

Read--

Letter No 6453/451 dated 7th
February 1912 from the Inspector General of Education in Mysore submitting proposals for revising the course of studies in the Engineering School, Mysore, now ^{or} favouring the Engineering Section of Chamarajendra Technical Institute, Mysore

2 Correspondence ending with letter No 6648/L A D 668 dated 2nd May 1912 from the Comptroller to the Government, submitting duly verified a proposition statement received from the Inspector General of Education for revising the scale of establishment of the school, in connection with the revision of the course of studies referred to in the letter read above

3 Note dated 26th March 1915 by the Inspector General of Education submitting modified proposals in the matter with a revised proposition statement and enclosing copies of the ^x reports of the Managing Committee of the Chamarajendra Technical Institute and of the Sub-Committee appointed to consider the question and to make suggestions for the ^x revision

28,25420 al-
6/11 17060

4 * Note dated 19th June 1915 by
the Chief Engineer submitting his views
in the matter

* printed as annexures

.....

Order thereon No 2224 6/6a 234 " 9
Dated 17th November 1915

Government have considered
the recommendations made in the above
communications and are pleased to sanc-
tion the following alterations -

- (1) ~~The~~ The abolition of the minor
subordinate class
- (2) ~~The~~ The omission of Trigonometry
and Trigonometrical Survey from the
curriculum, necessary portions of
~~and~~ Trigonometry being taught along
with surveying
- (3) ~~The~~ The fixing of the maximum number
of annual admissions ^{at} 30 in each
of the first and second year classes
- (4) ~~The~~ The curtailment of the Christ-
mas Vacation to the extent of the
gazetted Christmas holidays and
the closing of the school for
summer from 15th April to 15th
June
- (5) ~~All~~ All applications for admis-
sion should be received before the
end of March and the selection of

pupils should be completed before the 15th of April

- (6) Of the students that have completed the school course as large a number as possible will be given training as temporary maistries or in other suitable capacities by the P W Department for a period of one year during which they will be paid stipends by that department at a rate not less than Rs 12 per mensem. If the P W Department cannot take up in this way all the students that have finished the school course a number of stipends not exceeding 20 at Rs 12 each per mensem will be paid to students who may be under practical training otherwise than under the P W Department
- (7) Certificates to students will be given only after their practical training is over. The Head Master however may give provisional certificates to the successful students at the end of the class course
- (8) One year's approved service on any civil Engineering work certified by an officer of the rank of an Executive Engineer in

or outside the State may also be considered as equivalent to the practical course

- (9) Twenty per cent of the number on the rolls may be given free studentships including the holders of the scholarships now existing - ^{three} ~~that~~ in the junior and three in the senior class of the value of Rs 5 and Rs 6 respectively

A uniform fee of Rs 2-8-0 per mensem will be levied from each of the remaining students

- (10) The final school examination will be conducted by a Board appointed by Government

Students getting 50% and more of the maximum number of marks in the final examination will be given certificates as fit for Sub Overseers and those getting below 50% and above 30% will be given certificates as fit for Taluk Maistries

The appearance for the Madras Government Technical Examination will hereafter be optional

- (11) The pay of the two Assistant Masters will be fixed at Rs 50- $\frac{10}{2}$ - 100 and Rs 50 - $\frac{5}{2}$ - 75 The pay of the clerk will be Rs 25 per mensem

A gymnastic Instructor on Rs 25 per mensem is also sanctioned for the whole Institute
(12) The Library grant is raised from Rs 200 to Rs 300. An initial grant of Rs 1000 for the equipment of the Engineering Section with necessary instruments is also sanctioned

(13) The interchange of the Assistant Masters of the school with trained subordinates of the P W Department will be given effect to as far as possible

(14) Two appointments on Rs 25 are now reserved in the P W Department for the first two successful candidates. The candidate that secures the first place will be started on Rs 30 instead of on Rs 25 if he has done particularly well in the Examination

2 The Inspector General of Education is requested to frame a new syllabus for the Engineering Section of the ^{Institute} ~~School~~ in accordance with the alterations now sanctioned

3 The additional cost involved viz a recurring expenditure of Rs 3120 and a non recurring grant of Rs 1000 will be met during the current year by

reappropriation of the sanctioned
grants of the Education budget

B
Offg Secretary to Government,
Department of
Education and Agriculture

W.M.T.

[Signature]

To

The Inspector General of Education
in Mysore,

" Comptroller, Mysore Government
through Branch II,

" Chief Engineer of Mysore

Annexures

Here print the annexures

**Government of his Highness the Maharaja
of Mysore.**

GENERAL AND REVENUE DEPARTMENTS

G O No 2224-6—Edn 238-11-9, dated 17th Nov 1915

Engineering Section of the Chamarajendra Technical Institute Mysore

Sanctions the revision of the course of studies and of the Establishment of
the-

S. O

**Engineering Section of the Chamarajendra
Technical Institute, Mysore**

No 2224 6—Edn 238 11 9, DATED 17TH, NOVEMBER 1915

**PROCEEDINGS OF THE GOVERNMENT OF HIS HIGHNESS
THE MAHARAJA OF MYSORE**

GENERAL AND REVENUE DEPARTMENTS.

READ—

Letter No 6453 451 dated 7th February 1912 from the Inspector General of Education in Mysore submitting proposals for revising the course of studies in the Engineering School Mysore now forming the Engineering Section of the Chamarajendra Technical Institute Mysore

2 Correspondence ending with letter No 6648—L A D 668 dated 2nd May 1912 from the Comptroller to Government submitting duly verified a proposition statement received from the Inspector General of Education for revising the scale of establishment of the school in connection with the revision of the course of studies referred to in the letter read above

3. Note dated 26th March 1915 by the Inspector General of Education submitting modified proposals in the matter with a revised proposition statement and enclosing copies of the reports* of the Managing Committee of the Chamarajendra Technical Institute and of the Sub Committee appointed to consider the question and to make suggestions for the revision

4 *Note dated 19th June 1915 by the Chief Engineer submitting his views in the matter

*Printed as annexures

Order No 2224 6—Edn 238 11 9 dated 17th November 1915

Government have considered the recommendations made in the above communications and are pleased to sanction the following alterations —

- (1) The abolition of the minor subordinate class
- (2) The omission of Trigonometry and Trigonometrical Survey from the curriculum, necessary portions of Trigonometry being taught along with surveying
- (3) The fixing of the maximum number of annual admissions at 30 in each of the First and Second year classes
- (4) The curtailment of the Christmas vacation to the extent of the gazetted Christmas holidays and the closing of the school for summer from 15th April to 15th June
- (5) All applications for admission should be received before the end of March and the selection of pupils should be completed before the 15th of April
- (6) Of the students that have completed the school course, as large a number as possible will be given training as temporary maistries or in other suitable capacities by the Public Works Department for a period of one year during which they will be paid stipends by that department at a rate not less than Rs 12 per mensem. If the Public Works Department cannot take up in this way all the students that have finished the school course, a number of stipends not exceeding 20 at Rs 12 each per mensem will be paid to students who may be under practical training otherwise than under the Public Works Department

23.11.15 DATE 17th NOVEMBER 1915

(7) Certificates to students will be given only after their practical training is over. The Head Master however may give provisional certificates to the successful students at the end of the class course

(8) One year's approved service on any civil Engineering work certified by an officer of the rank of an Executive Engineer in or outside the State may also be considered as equivalent to the practical course

(9) Twenty per cent of the number on the rolls may be given free student ships including the holders of the scholarships now existing—three in the junior and three in the senior classes of the value of Rs 5 and Rs 6 respectively

A uniform fee of Rs 280 per mensem will be levied from each of the remaining students

(10) The final school examination will be conducted by a Board appointed by Government.

Students getting 50% and more of the maximum number of marks in the final examination will be given certificates as fit for Sub Overseers and those getting below 50 per cent and above 30 per cent will be given certificates as fit for Maluk Maltries

The appearance for the Madras Government Technical Examination will hereafter be optional

(11) The pay of the two Assistant Masters will be fixed at Rs 50 10/2 100 and Rs 50 5/2 75. The pay of the clerk will be Rs 25 per mensem

A gymnastic Instructor on Rs 20 per mensem is also sanctioned for the whole institute

(12) The Library grant is raised from Rs 200 to Rs 300. An initial grant of Rs 1000 for the equipment of the Engineering Section with necessary instruments is also sanctioned

(13) The interchange of the Assistant Masters of the school with trained subordinates of the Public Works Department will be given effect to as far as possible

(14) Two appointments on Rs 20 are now reserved in the Public Works Department for the first two successful candidates. The candidate that secures the first place will be started on Rs 30 instead of on Rs 25 if he has done particularly well in the examination

2 The Inspector General of Education is requested to frame a new syllabus for the Engineering Section of the institute in accordance with the alterations now sanctioned

3 The additional cost involved viz a recurring expenditure of Rs 3120 and a non recurring grant of Rs 1000 will be met during the current year by reappropriation of the sanctioned grants of the Education budget

P G DSOUZA

Offg Secy to Govt Depts of Edn & Agr

To—The Inspector General of Education in Mysore
The Comptroller Mysore Government through Branch II
The Chief Engineer of Mysore

Exd—C R

No 2224 6—EDN 238 11 9, DATED 17TH NOVEMBER 1915

ANNEXURE I

Proceedings of a meeting of the Managing Committee of the Technical Institute
held at 8 30 A M on Saturday the 16th May 1914

Present

M Venkatakrishnaiya Esq
B D Nath Esq
B C Srinivasa Iyengar Esq
M G Ramachandra Rao Esq
S Srinivasa Ayer Esq

As the President was unable to attend the meeting Mr M Venkatakrishnaiya was proposed to and took the chair

I Read and confirmed the proceedings of the last meeting of the Committee

II Read letter No dated from the Inspector General of Education stating that monthly meetings of the Committee may be held on the first Saturday of the month

Resolved that as the 1st Saturday will be too early the meeting may be held on the second Monday

III Read letter No dated from the Chief Engineer of Mysore stating that the practical course is absolutely necessary and that it may be kept at the end of the 2nd year (The conclusions arrived at are embodied in the report herewith sent)

IV Scrutiny of the workshop account was deferred

28 5 14

M VENKATAKRISHNAIYA,
President

No 22216—Ena 238119 DATED 17TH NOVEMBER 1915

REPORT ON THE REVISION OF THE ENGINEERING
SCHOOL CURRICULUM

The school was sanctioned in Government Order No 116746—Edn 436 dated 11th April 1903 as the continuation of the school as defined in Notification No 3 of 7th July 1901. The members of the Committee of the school in its meeting held on 11th February 1911 appointed a Sub Committee consisting of Mr Y. S. Rao (the Deputy Chief Engineer) as President and Messrs J. I. A. D. Cruz R. V. Sudar and Mr B. R. R. Rao as Members. The Sub Committee also appointed Mr B. S. S. Rao as the Headmaster (Messrs Y. S. Rao and B. C. Srinivasan as Members) as Members to discuss and report on the question of revising the course of study for the examinations the establishment of the school and the vacation. The report of this committee was submitted to the Managing Committee and to the Inspector General of Education and by the latter forwarded to Government before whom they were placed. The more important of the recommendations contained in these proposals were—

- 1 The extension of the course of studies from two to three years
- 2 The abolition of the one year's practical training.
- 3 The abolition of the minor subordinate class
- 4 The withdrawal of the rule compelling students to appear for the Malabar Government Technical Examinations and making the school examination compulsory
- 5 Alterations in the vacation by reducing the December holidays and increasing the summer holidays

Before any orders were issued on the above the formation of the Chinnajendra Technical Institute by combining the Engineering and Industrial School was sanctioned by Government in May 1913. Mr V. Rangaswamy Iyer, Secretary, Engineering Department, in his preliminary report on the proposed institute has stated that the rules of the Engineering School may with advantage be modified to a certain extent and that which a committee was appointed for the purpose of the Technical Institute the whole subject of the rules and curriculum of the school will be revised where necessary. The Government Order sanctioning the institute has referred to the Inspector General of Education in consultation with the committee to scrutinise the details and make such minor changes and fix the subsidiary rules and instructions as may be necessary for the efficient working of the Institute.

In compliance with the above order the committee of this institute at its first meeting requested the Inspector General of Education to get for the Government the file of papers containing proposals of the previous committee on the revision of the Engineering School course. The papers were sent and referred to a subcommittee consisting of Messrs T. Lakshminarayana Rao, B. C. Srinivasan, Iyengar and S. Srinivasan Iyer for report. The report of this subcommittee was discussed by the managing committee on 8th October 1913 and 24th February 1914 and as there was a difference of opinion regarding the necessity of the practical course the matter was referred to the Chief Engineer and a final reply being placed before the committee at its meeting held on the 10th May 1914 the whole subject was thoroughly discussed and conclusions arrived at.

The following are the recommendations of the committee—

I approve

(1) *The course of studies*—The previous committee have recommended that the course of study may be extended from two to three years by abolishing the practical course at the end of the first year and continuing the theoretical course for another year in its place. The arguments advanced for the extension have been met by the committee in its report. We are therefore of opinion that the necessity for the extension of the theoretical course is not felt, and as recommended by the subcommittee the course in the class room may be kept at two years. The great advantage to be derived from a practical course has to be admitted and its discontinuance will be a wrong step. Therefore the existing arrangement of having a theoretical course in the class room followed up by a year's practical training may be continued.

No 2224 6—EDN 238 11 9, DATED 17TH NOVEMBER 1915

I approve

The practical course is not taken full advantage of by the students owing to the inadequacy of the amount of the stipend given to them. The sub committee recommended an increase from Rs 7 per mensem to Rs 15. The practical course has to be made more attractive and the managing committee recommend an increase to Rs 12. According to existing arrangement only the first ten students are given the practical training. It is highly important that the training should be given to all the students. To make the course compulsory it is necessary that certificates to students should be given only after the practical training is over. The Headmaster however being permitted to give provisional certificates to the passed students at the end of the class course stating that they have passed the final examination. This certificate can be exchanged for a Diploma after the completion of the practical course. One year's approved service on any civil Engineering work certified by an officer of Executive Engineer's rank either in or outside the province may also be taken to be the same as the practical course.

I approve

There are at present ten stipends of Rs 7 each. It is recommended that 20 stipends of Rs 12 each be sanctioned.

It may not be necessary to give stipends from the Education Department for all the students during their year of practical training. It is probable that some of these may be given this training as temporary maistries in the Public Works Department. These will be paid for by that Department and the remaining students will have to be paid their stipends. As stated in the sub committee's report, it may be assumed that one third of the total number can be employed as temporary maistries. Provision will have to be made for paying the stipends at Rs 12 per mensem to the rest assuming that thirty students pass out of the school per year.

We agree with the Sub Committee that the subjects of Trigonometry and Trigonometrical survey may be omitted from the curriculum of studies those portions of the former which are found necessary being taught along with surveying. The time spent on these subjects may be made available for other subjects.

I approve

(2) *The Examinations*—The duplication of examinations is unnecessary and the attendance at the Madras Government Technical Examinations may be made *optional*. The final school Examination may be conducted as hitherto by a Board of Examiners. It appears necessary however to appoint this Board for three years at a time.

(3) *Vacations and holidays*—The school at present opens on the 15th June and continues till the 10th of December, closes for the Xmas holidays and reopens on the 10th January. The school examinations commence in April and last for ten days as soon as these are over the Madras Government Technical Examinations commence and continue till the end of the first week of May when the school is closed for the summer holidays.

I approve

The working period is only about six months in the first term and two and half months in the 2nd term. Even out of this period a few weeks at the beginning of the 1st term are lost by the Junior class not commencing work immediately the school opens as the entrance examination and selection take some time. It will be better if all applications for admission are received by the end of March and selections made before the 15th of April so that regular class may start as soon as the school reopens. The December holidays may be reduced and the summer holidays be extended from the 15th of April to 15th of June. This will add about 20 days to the working period of the 1st term. In the 2nd term there can be no improvement as the school examination will commence in the 1st week of April as it was hitherto being done. This arrangement of closing the school on the 15th of April does not stand in the way of such students as are likely to appear at the Madras Government Technical Examinations which commence on the 3rd week of April.

I approve

(4) *The Minor Subordinate Class*—The Minor Subordinate class is practically extinct as such. It only remains to formally remove the class from the school prospectus. All students may be permitted to study for the full course and attend for the final examination. Those students who get 50 per cent of the maximum may be given certificates as fit for Sub Overseers and those getting below 50 per cent and above 30 per cent as fit for Taluk Maistries.

I approve

First Assistant 50 $\frac{1}{2}$ 100
Second do 50 $\frac{1}{2}$ 75

(5) *Establishment*—As it is necessary to have duly qualified hands as instructors the scale recommended by the sub committee as noted in the margin may be sanctioned as also the interchanging of the Assistant Masters with the Department of the Public Works staff.

No 2224 6—EDN 23811 9 DATED 17TH NOVEMBER 1915

The writer's pay may be fixed at Rs 25 per mensem. In his case there are opportunities of promoting him elsewhere. I have no objection.

The writer of the school is drawing Rs 20 for the last four years and a slight increment appears necessary. He may therefore be given a pay of Rs 20 *plus* Rs 30 by benefit increments of Rs 1. He is a Matriculate and has taken the Sub Overseers course in this school and his services are all the more valuable to the school on these considerations. As the frequent change of Headmaster will not be conducive to the efficient teaching and management of the school it will be better if the Luncheon Officer appointed as Head Master is kept for at least five years in the school. As the interests of the officer are likely to suffer by this retention for promotion and allowance which he would get in the Department may be given to him while in school.

The present rate of Rs 5 may continue unless the services of these instructors are borrowed from the Department of Public Works where the allowance may be increased to Rs 10.

(6) *Bicycle Allowance*—The Instructors draw at present a Bicycle allowance of Rs 5 per mensem. In the Public Works Department Sub Overseers are given Rs 10 per mensem as Bicycle allowance. It appears therefore fair to increase the allowance of these masters also to Rs 10.

I approve

(7) *Strength of Classes*—As per the school rules governing the working of the school the number of students in the Junior and Senior classes is limited to 30 and 15 respectively. But it is found that the number actually attending for the last two or three years is higher in each class. There are many applications for admission and the demand for passed Sub Overseers is also increasing. At the minor school the school has been recommended to be abolished in difference in the number of students between the Junior and Senior classes is necessary. The number in each class may be fixed at 30.

It does not appear necessary for the present

If the number is approved it will be found necessary to provide more surveying instruments as there is not a sufficient quantity in the school. It will be necessary to procure an altimeter. It is also

It is proposed to improve the existing syllabus of the school. It will be detailed and submitted for approval.

Twenty per cent is to include the Scholarship holders also.

(8) *Fee School of Arts and Crafts*—At present the fee for the Junior class is Rs 6 and for the Senior class Rs 4. The fee for the Junior class is Rs 2 per month for the Junior and Rs 4 for the Senior class. We have already recommended that the fee may be uniformly kept at Rs 2 per month for both the classes.

A fee of Rs 2 80 per month may be levied in each class.

(9) *Physical Education*—There is a Gymnasium attached to the school but there is no instructor for the same.

A Gymnastic Instructor for the whole Institute may be appointed on a salary of Rs 25 per mensem.

It is highly important that one should be appointed immediately. There is a recreation club attached to the school. Periodical games should be held and placed in the reading room. There is also a football club. The Department of Athletic Sports as well as the Reading Room are being maintained from the fees of Rs 3 levied on the students. This amount is not enough to maintain the recreation club on satisfactory lines. A grant from the Government either monthly or annual will assist in improving this branch of the school.

Not necessary

(10) *Library*—The Library requires new additional books and the present grant of Rs 200 may be increased to Rs 300. As the number of certificated and Surveying instruments is not enough for the increase in the number of students an initial grant of Rs 2,000 and an increased annual grant from Rs 300 to 400 are necessary.

I approve

An initial grant of Rs 1,000 may be given. The total grant has been already increased from Rs 300 to 500. *Vide G.O. No.*

(11) *Excursion and Travelling Charges*—The provision for excursion has been fixed at Rs 600 per annum. The number of students has increased and the Travelling Allowance of the staff being also included in this the provision should be increased to Rs 1,000.

Not necessary as there is a total provision of Rs 1,520 for the Institute.

(12) *Prospects of the Institute*—While on the subject of the institution the prospects of the students who pass for the school are to be considered. The pay of the Sub Overseers is fixed at Rs 25 per month and many of the students from the school have obtained berths outside Mysore on their salary. To make the service more attractive and induce better qualified men to join the school the pay may be raised to Rs 30 per mensem. The Chief Engineer of Mysore has very kindly reserved two appointments as Sub Overseers for the two students who pass highest in the final examination. But as a further mark of appreciation for the successful career of these students the Government should give Rs 30 per mensem.

The question may be referred to the Chief Engineer.

No 2224 6—EDN 238 11 9, DATED 17TH NOVEMBER 1915

(Signed) M Venkatakrishnaiya
 { (do) B D Nath
 Mysore { (do) B C Srinivasaiengar
 23 5 14 { (do) M G Ramachandra Rao
 { (do) S Srinivasa Ayer

ANNEXURE II

The Government Engineering School Mysore

1 T G Lakshmana Rao
 Esq L C E
 2 S Srinivasa Iyer Esq
 B A B C E
 3 B C Srinivasa Iyengar
 Esq B A L C E

Report of the sub committee consisting of the marginally noted gentlemen appointed to consider and report how far the proposal made by the former managing committee of the Engineering School Mysore require revision to suit the Engineering section of the Chama rajendra Technical Institute

The work of the sub committee was greatly facilitated by the full and comprehensive manner in which the previous committee had gone into the subject, which was considered by it under the following sub heads —

- I Revision of the course of studies
- II Examinations
- III Establishment
- IV Vacations
- V Applications of the Drawing Master and of the clerk for promotion They will be taken up in the same order in this report

The previous committee recommended that —

- 1 The length of the Lower Subordinate course be extended from two to three years
- 2 That the Minor Subordinate class be abolished
- 3 And as a set off to (1) that the one year's practical training on works which the successful Sub Overseer students undergo at present in different executive Divisions be abolished

The reasons given for the extension of the course are (a) that it is three years in Madras and Poona (b) that passed students of the school may be considered to be of inferior training if they undergo a course of only two years (c) that the school staff complain that the lessons cannot be satisfactorily completed in two years

With regard to the first reason for extending the course we need not discuss this when it is found that the syllabus of the school is almost the same as that for the Sub Overseer's class of the Madras Engineering College and that the students are being examined according to the syllabus and passed by a Board of Examiners. It is also seen that students passed out of the school give satisfaction in the discharge of their duties and are found very useful though their course is only two years

With regard to (b) it is found from the list of passed students attached to the same report that out of 171 students that passed from the school between 1905 and 1910 only 33 remained unemployed 14 of whom were still students reading in the Senior class excluding them the number unemployed were only 19 or about 9% of the whole which is not at all discouraging. The committee also say in the 22nd para of their report. There is nothing to show that our certificates are not valued in the open market. On the other hand the limited evidence there is goes to show that they are

(c) The complaint of the staff that it is a severe strain on them to finish the subjects in two years has to be taken into consideration. This is true to some extent but the following measures namely making the appearance at the Technical Examinations optional reduction in the vacations and omission of subjects Trigonometrical Survey and Trigonometry from the curriculum will add at least two months more to the working period of the school and will relieve the strain without lengthening the course

A knowledge of Trigonometrical Survey is not expected of a Sub Overseer in his professional life and the subject may be omitted from the curriculum. The teaching of Trigonometry as a separate subject may also be omitted the little knowledge of it which is required for Survey purposes being taught along with that subject. The time now spent over these will then be available for other subjects and the necessity for the extension of the course ceases to exist and the latter will further detract from the popularity of the school. We are not therefore in favour of it

No 2224 6—EDN 238 11 9 DATED 17TH NOVEMBER 1915

2 The minor subordinate class is now practically extinct as such all the students choosing to study only for the Lower Subordinate rate test. It only remains now to remove the distinction from the prospectus of the school.

3 To increase the theoretical course at the expense of the practical seems to be a step in the wrong direction. The latter is as important as the former. No amount of stray short visits to works during the school course (which no doubt are necessary to enable students to understand the lessons) can replace the advantages of an uninterrupted tuition in *Executive Dimensions* in important works after the completion of the school course.

We feel it desirable to say a few words about the practical training of one year now given to the students of the school at the end of their theoretical course of studies. They are given an allowance of Rs 7 per mensem which is inadequate for their maintenance. As a consequence most of them are unwilling to undergo the course. This allowance is given to the first ten students and the rest are allowed to do it for themselves. In Madras all the overseer students that pass out of the college are put through the practical course for a year on an allowance of Rs 20 per month. It appears to us that we may give Rs 15 per mensem and extend the benefits of this most important training to all.

Taking thirty students on the average as those that pass out from the school the practical training will cost Rs 5400 a year or deducting the amount of Rs 840 sanctioned at present an extra sum of Rs 4560 a year to Government. It is possible however that some of the money may be given this training as temporary instalments in the Public Works Department. It may be ascertained from the Chief Engineer every year how many he can thus employ and the rest of the money may be paid from the Education funds. For the sake of estimating the extra money to be provided from the Education budget we may assume that one third of the number can be employed in the Public Works Department and the remainder two thirds have to be paid for from the Education Department. The actual amount may slightly vary from year to year according to the demands of the Public Works Department but we may say that the extra cost will be about Rs 3600 annually in the place of the present amount of Rs 840 for the practical training course or Rs 2760 extra. The importance of the course amply justifies the extra expenditure involved.

If this is approved of then we can modify the certificates that are at present issued to the students to show that they have not only gone through practical training and these certificates may be given to them at the end of the practical training course.

II EXAMINATIONS

We agree with the resolution of the previous committee that the Madras Government Technical Examinations may be made optional to the students and that the present examination by a Board of Examiners will meet all the necessary requirements.

It seems to us that the Headmaster ought to be associated with the Board in the same way as at present. He should examine in so far as he examines the practical work done by the students during their school course as regards Session marks which are added to the results of the final examination as in the Madras Engineering College. It may be advantageous to appoint the Examination Board once in three years instead of every year as at present.

III Establishment—It seems to us that the first assistant should be one who has a fair knowledge of the Engineering subjects besides being a first class draftsman. He should have the required status to take charge of the school during any temporary absence of the headmaster or leave. The scale of pay for him should therefore be Rs 60—75—100.

The scale of pay for the 2nd Assistant Master may be Rs 50—75 in order to secure a properly qualified man for the post.

At present it is only the Headmaster who has any practical experience of Public Works Department works. The Assistants are mostly theoretical men and their teaching cannot therefore be as practical as one would wish for. We think it will greatly improve the

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practical side of the Instruction imparted if these two Assistants are from time to time interchanged with the regular D P W Staff This will be to the advantage of both the Departments

IV Vacations—We entirely agree with the previous recommendations that the school should have only one set of holidays from 1st May to 1st July and that the December holidays may be cancelled At present the school remains practically closed for instruction from the 1st of April to 15th May on account of the Examinations (The Board Examinations and Madras Government Technical Examinations) and from 15th May to 15th June for the vacation By adopting only the Board Examinations which may be held from the 15th to the end of April the period of fifteen days from 1st to 15th April which is now being used for examinations can be saved for regular school work

The school will therefore have only one vacation from 1st May to 1st July in addition to the Xmas and Dasara holidays and the winter holiday may be abolished

V Applications of the Drawing Master and the writer for an Increase of pay

If our proposals made under III are sanctioned it is open to the Inspector General of Education to appoint the present men in those grades if they are found to be qualified The writer need not have any special grade but may be given small promotions from time to time as he is found deserving by the Inspector General of Education

Our recommendations are briefly as follows —

- (1) That the length of the studies be kept at two years as at present and as sanctioned in the general scheme for the Chamarajendra Technical Institute for the reasons stated *supra*
- (2) That Trigonometrical Survey and the teaching of Trigonometry be omitted from the curriculum of studies
- (3) That the appearance for the Madras Government Technical Examinations be made optional
- (4) That the stipends or the allowance given to the students during their practical course be increased from Rs 7 to Rs 10 per mensem and that all the students be given the benefit of this training every year instead of ten as at present
- (5) That the Examination Board be appointed for three years with the Head Master also as a member of it
- (6) That the scale of pay for the 1st Assistant be Rs 50—100—100 and 2nd Assistant be Rs 50—75
- (7) That the Assistant Masters be interchanged from time to time with the staff of the Public Works Department to render the teaching more practical and efficient as in the Madras Engineering College
- (8) That the December holidays be reduced and that in its place the summer holidays be increased so as to extend from 1st May to 1st July
- (9) That the minor subordinate class be abolished formally as it is now practically extinct

(Sd) S SRINIVASA AIYAR

Head Master

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ANNEXURE III

Note dated 19th June 1915 by the Chief Engineer

I agree with the recommendation to limit the theoretical course to two years at present as I understand that within this period it has been possible for the students being taken to several Engineering works in the State and allowed to practically handle the levelling instruments and theodolites.

2. Regarding the practical course of one year I think that such of the passed students as happen to get employment in the Mysore Public Works Department or outside as soon as they pass out may be given the diploma on production of a certificate from the Executive Engineers under whom they serve of having rendered satisfactory service for one year. The rest of the students may be given practical training by being posted to important works under the different Executive Engineers in the Province. The latter students may be given stipend of Rs. 12 by the Education Department for one year as recommended.

3. The students may be asked to keep proper note books to record the practical information collected by them during the practical course. Such books should be examined and countersigned by the Executive Engineer every quarter and sent to the Head Master of the School together with the certificate of the Executive Engineer. If the practical work thus recorded is found satisfactory the diploma may be given.

4. The appearance at the Madras Government Technical Examination may be made optional instead of compulsory as at present.

5. I do not agree that the same members should necessarily constitute the Board of Examiners of the School for three years as proposed.

6. It is a good idea to transfer the Assistant Masters of the School to the Public Works Department and to send practically trained subordinates to take their place in the school. The subordinate scale in the Public Works Department may be increased so that the Assistant Masters may be borne on the Public Works Department list and treated as let to the Education Department.

7. The inferior subordinate class may be abolished.

8. In regard to the pay of Sub Overseers the present minimum pay of Rs. 25 may continue but as a special case the student who passes first in a batch may be started on Rs. 30 provided he gets not less than 60 thirds of the maximum in the final Examination of the School. This it is hoped will be an inducement for the students to strive hard for the first place and will have the effect of further improving the tone of the school.